

CUMBERLAND COUNTY, NEW JERSEY
COMPREHENSIVE HYDRIC SOILS LIST

All mapunits are displayed regardless of hydric status and are listed in alpha-numeric order by mapunit symbol. The "Hydric Soils Criteria" columns indicate the conditions that caused the mapunit component to be classified as "Hydric" or "Non-Hydric". These criteria are defined in "Hydric Soils of the United States" (USDA Miscellaneous Publication No. 1491, June, 1991 as revised in the Federal Register, Vol. 60, No. 37, February 24, 1995). See the "Criteria for Hydric Soils" endnote to determine the meaning of these columns. Spot symbols are footnoted at the end of the table.

Map Symbol Mapunit Name	Component(C)/ Inclusion(I)	Hydric	Local Landform	Hydric Soils Criteria				Acres
				Hydric Criteria Code	Meets Saturation Criteria	Meets Flooding Criteria	Meets Ponding Criteria	
Ac: ATSION SAND-----	ATSION (C)	Yes	Depression	2B3	YES	NO	NO	5850
AgA: AURA GRAVELLY SANDY LOAM, 0 TO 2 PERCENT SLOPES-----	AURA (C)	No						1150
AgB: AURA GRAVELLY SANDY LOAM, 2 TO 5 PERCENT SLOPES-----	AURA (C)	No						7500
AmB: AURA LOAMY SAND, 0 TO 5 PERCENT SLOPES-----	AURA (C)	No						6000
ArA: AURA SANDY LOAM, 0 TO 2 PERCENT SLOPES-----	AURA (C)	No						17700
ArB: AURA SANDY LOAM, 2 TO 5 PERCENT SLOPES-----	AURA (C)	No						12300

CUMBERLAND COUNTY, NEW JERSEY
COMPREHENSIVE HYDRIC SOILS LIST (Continued)

Map Symbol Mapunit Name	Component(C)/ Inclusion(I)	Hydric	Local Landform	Hydric Soils Criteria				Acres
				Hydric Criteria Code	Meets Saturation Criteria	Meets Flooding Criteria	Meets Ponding Criteria	
Bp: BERRYLAND SAND-----	BERRYLAND (C)	Yes	Depression	2B3,3	YES	NO	YES	4100
ChA: CHILLUM SILT LOAM, 0 TO 2 PERCENT SLOPES---	CHILLUM (C)	No						1850
ChB: CHILLUM SILT LOAM, 2 TO 5 PERCENT SLOPES---	CHILLUM (C)	No						3050
DoB: DOWNER LOAMY SAND, 0 TO 5 PERCENT SLOPES---	DOWNER (C)	No						10300
DoC: DOWNER LOAMY SAND, 5 TO 10 PERCENT SLOPES--	DOWNER (C)	No						2950
DrA: DOWNER SANDY LOAM, 0 TO 2 PERCENT SLOPES---	DOWNER (C)	No						6500
DrB: DOWNER SANDY LOAM, 2 TO 5 PERCENT SLOPES---	DOWNER (C)	No						7100
EvB: EVESBORO SAND, 0 TO 5 PERCENT SLOPES-----	EVESBORO (C)	No						22726

CUMBERLAND COUNTY, NEW JERSEY
COMPREHENSIVE HYDRIC SOILS LIST (Continued)

Map Symbol Mapunit Name	Component(C)/ Inclusion(I)	Hydric	Local Landform	Hydric Soils Criteria				Acres
				Hydric Criteria Code	Meets Saturation Criteria	Meets Flooding Criteria	Meets Ponding Criteria	
EvC: EVESBORO SAND, 5 TO 10 PERCENT SLOPES-----	EVESBORO (C)	No						10000
EvD: EVESBORO SAND, 10 TO 20 PERCENT SLOPES-----	EVESBORO (C)	No						1320
Fd: FALLSINGTON SANDY LOAM	FALLSINGTO N (C)	Yes	Depression	2B3	YES	NO	NO	11200
FrA: FORT MOTT LOAMY SAND, 0 TO 5 PERCENT SLOPES-	FORT MOTT (C)	No						8100
GP: PITS, SAND AND GRAVEL-	PITS (C)	No						5100
HaA: HAMMONTON LOAMY SAND, 0 TO 5 PERCENT SLOPES-	HAMMONTON (C) FALLSINGTO N (I)	No Yes	Depression	2B3	YES	NO	NO	9700
HbA: HAMMONTON SANDY LOAM, 0 TO 2 PERCENT SLOPES-	HAMMONTON (C) FALLSINGTO N (I)	No Yes	Depression	2B3	YES	NO	NO	19900

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Map Symbol Mapunit Name	Component(C)/ Inclusion(I)	Hydric	Local Landform	Hydric Soils Criteria				Acres
				Hydric Criteria Code	Meets Saturation Criteria	Meets Flooding Criteria	Meets Ponding Criteria	
HbB: HAMMONTON SANDY LOAM, 2 TO 5 PERCENT SLOPES-	HAMMONTON (C)	No						3450
KmA: KLEJ LOAMY SAND, 0 TO 3 PERCENT SLOPES-----	KLEJ (C) ATSION (I)	No Yes	Depression	2B3	YES	NO	NO	8800
LaA: LAKEHURST SAND, 0 TO 3 PERCENT SLOPES-----	LAKEHURST (C) ATSION (I)	No Yes	Depression	2B3	YES	NO	NO	2450
LeB: LAKEWOOD SAND, 0 TO 5 PERCENT SLOPES-----	LAKWOOD (C)	No						5300
ML: MADE LAND, SANITARY LANDFILL-----	DUMPS (C)	No						124
MS: MUCK-----	MUCK (C)	Yes	Bog	1,3	YES	NO	YES	18800
MoA: MATAPEAKE SILT LOAM, 0 TO 2 PERCENT SLOPES---	MATAPEAKE (C)	No						3200
MoB: MATAPEAKE SILT LOAM, 2 TO 5 PERCENT SLOPES---	MATAPEAKE (C)	No						5600

CUMBERLAND COUNTY, NEW JERSEY
COMPREHENSIVE HYDRIC SOILS LIST (Continued)

Map Symbol Mapunit Name	Component(C)/ Inclusion(I)	Hydric	Local Landform	Hydric Soils Criteria				Acres
				Hydric Criteria Code	Meets Saturation Criteria	Meets Flooding Criteria	Meets Ponding Criteria	
MoC2: MATAPEAKE SILT LOAM, 5 TO 10 PERCENT SLOPES, ERODED-----	MATAPEAKE (C)	No						2500
MrA: MATTAPEX SILT LOAM, 0 TO 2 PERCENT SLOPES---	MATTAPEX (C) OTHELLO (I)	No Yes	Depression	2B3	YES	NO	NO	3400
MrB: MATTAPEX SILT LOAM, 2 TO 5 PERCENT SLOPES---	MATTAPEX (C)	No						1250
Ot: OTHELLO SILT LOAM-----	OTHELLO (C)	Yes	Depression	2B3	YES	NO	NO	1250
Ps: POCOMOKE SANDY LOAM---	POCOMOKE (C)	Yes	Depression	2B3	YES	NO	NO	9800
SgA: SASSAFRAS GRAVELLY SANDY LOAM, 0 TO 2 PERCENT SLOPES-----	SASSAFRAS (C)	No						700
SgB: SASSAFRAS GRAVELLY SANDY LOAM, 2 TO 5 PERCENT SLOPES-----	SASSAFRAS (C)	No						3400

Map Symbol Mapunit Name	Component(C)/ Inclusion(I)	Hydric	Local Landform	Hydric Soils Criteria				Acres
				Hydric Criteria Code	Meets Saturation Criteria	Meets Flooding Criteria	Meets Ponding Criteria	
SgC2: SASSAFRAS GRAVELLY SANDY LOAM, 5 TO 10 PERCENT SLOPES, ERODED	SASSAFRAS (C)	No						1500
SrA: SASSAFRAS SANDY LOAM, 0 TO 2 PERCENT SLOPES-	SASSAFRAS (C)	No						5350
SrB: SASSAFRAS SANDY LOAM, 2 TO 5 PERCENT SLOPES-	SASSAFRAS (C)	No						6150
SrC2: SASSAFRAS SANDY LOAM, 5 TO 10 PERCENT SLOPES, ERODED-----	SASSAFRAS (C)	No						800
TM: TIDAL MARSH-----	TIDAL MARSH (C)	Yes	Tidal Flat	2B3,3	YES	NO	YES	46500
W: WATER (LESS THAN 40 ACRES)-----	ERROR: There is no hydcomp record for component			NJ011	011W	1		
WATER: WATER (GREATER THAN 40 ACRES)-----	ERROR: There is no hydcomp record for component			NJ011	011WATER	1		

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Map Symbol Mapunit Name	Component(C)/ Inclusion(I)	Hydric	Local Landform	Hydric Soils Criteria				Acres
				Hydric Criteria Code	Meets Saturation Criteria	Meets Flooding Criteria	Meets Ponding Criteria	
WmA: WOODSTOWN SANDY LOAM, 0 TO 2 PERCENT SLOPES-	WOODSTOWN (C)	No	Depression	2B3	YES	NO	NO	10300
	FALLSINGTON (I)	Yes						
WmB: WOODSTOWN SANDY LOAM, 2 TO 5 PERCENT SLOPES-	WOODSTOWN (C)	No						2750

FOOTNOTE: There may be small areas of included soils or miscellaneous areas that are significant to use and management of the soil; yet are too small to delineate on the soil map at the map's original scale. These may be designated as spot symbols and are defined in the published Soil Survey Report or the USDA-NRCS Technical Guide, Part II.

HYDRIC SOILS CRITERIA CODES AND DEFINITIONS

1. All Histosols, except Folists, or
 2. Soils in Aquic suborders, great groups, or subgroups, Albolls suborder, Aquisalids, Pachic subgroups, or Cumulic subgroups that are:
 - a. Somewhat poorly drained with a water table equal to 0.0 foot (ft) from the surface during the growing season, or
 - b. Poorly drained or very poorly drained and have either:
 - (1) water table equal to 0.0 ft during the growing season if textures are coarse sand, sand, or fine sand in all layers within 20 inches (in), or for other soils
 - (2) water table at less than or equal to 0.5 ft from the surface during the growing season if permeability is equal to or greater than 6.0 in/hour (h) in all layers within 20 in, or
 - (3) water table at less than or equal to 1.0 ft from the surface during the growing season if permeability is less than 6.0 in/h in any layer within 20 in, or
 3. Soils that are frequently ponded for long duration or very long duration during the growing season, or
 4. Soils that are frequently flooded for long duration or very long duration during the growing season.
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